

# 'Lean SCM Professional' Certification:

## MODULE BREAKDOWN

### LESSON 1

Understanding the Supply Chain

- What is Supply Chain Management?
- Traditional & Modern Supply Chains
- Supply Chain Factors
- Decision Levels & Costs
- Supply Chain Drivers & Trade-offs

### LESSON 2

Lean Thinking

- Principles of Lean Thinking
- Lean Thinking Goals
- Types of Waste
- Value Creation Framework

### LESSON 3

Introducing Lean to the Supply Chain

- Evolution of Lean
- Advanced Lean Characteristics
- Lean Implementation Issues
- Challenges Involving Supply Chain Optimization

### LESSON 4

Lean Supply Chain Tools & Practices

- Value Stream Mapping
- Lean Enterprise Self Assessment Tool
- 5S & Cellular Flow
- Just-in-Time
- Kanban
- Kaizen
- TPM, Visual Management & Problem Solving

### LESSON 5

Value Stream Mapping

- Role of Value Stream Mapping
- What is Waste?
- Overview of Current State
- Overview of Future State

### LESSON 6

Kaizen

- Introduction to Kaizen
- Why Kaizen – use and benefits
- Finding Kaizen opportunities
- Kaizen Breakthrough Events
- How to keep Kaizen practices up & running effectively

### LESSON 7

5S

- Introduction to the Five Pillars
- The Benefits of 5S Implementation
- Detail on the Five Pillars: Sort the 5S's, Set in Order, Shine, Standardize, and Sustain

### LESSON 8

Ancillary & other Lean Tools for the Supply Chain

- Supply Chain Response Matrix
- Quality Filter Mapping
- Demand Amplification
- Six Sigma

### LESSON 9

Roadmap to Lean Implementation

- 10 Steps to Effective Lean Implementation
- Case Studies - Lean Supply Chain
- Examples of Implementing Lean Supply Chain
- Benefits of Lean Supply Chain Implementation